

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Air Quality Division

1110 W. Washington Street • Phoenix, AZ 85007 • Phone: (602) 771-2300

SIGNIFICANT PERMIT REVISION TO AIR QUALITY CONTROL PERMIT

(As required by Title 49, Chapter 3, Article 2, Section 49-426, Arizona Revised Statutes)

*This air quality control permit does not relieve applicant of responsibility for meeting all air pollution regulations*

1. PERMIT TO BE ISSUED TO (Business license name of organization that is to receive permit)

**Department of Veterans Affairs Medical Center**

2. NAME (OR NAMES) OF OWNER OR PRINCIPALS DOING BUSINESS AS THE ABOVE ORGANIZATION

3. MAILING ADDRESS **500 N. Highway 89**

Number Street

**Prescott, AZ 86313**

City or Community

State

Zip Code

4. ORIGINAL EQUIPMENT LOCATION/ADDRESS **500 N. Highway 89**

Number Street

**Prescott, Yavapai County, AZ 86313**

City or Community

State

Zip Code

5. FACILITIES OR EQUIPMENT DESCRIPTION **Medical Facility**

6. THIS PERMIT ISSUED SUBJECT TO THE FOLLOWING **Conditions as described in attached**

7. ADEQ SIGNIFICANT REVISION NUMBER **47893** PERMIT CLASS **Class II**

SIGNIFICANT REVISION ISSUED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2008

SIGNATURE

**Nancy C. Wrona, Director, Air Quality Division**

TITLE

**Addenda (Significant Revision No. 47893) to Operating Permit No. 41048**

**for**

**Department of Veterans Affairs Medical Center**

**SIGNIFICANT PERMIT REVISION DESCRIPTION**

This significant revision is for the Department of Veterans Affairs Medical Center to change the hourly limitations for the three natural gas boilers permitted by Air Quality Operating Permit # 41048. The facility has requested that the boiler (boilers 16031-1, 16031-2, and 16031-3) maximum hours of operation be reset from a maximum of 4,750 hours each, in any rolling twelve month total period, to a cumulative limit of 14,250 hours, for the three above listed boilers, in any rolling twelve month total period. Since the limitation being modified is a voluntary restriction under Arizona Administrative Code (A.A.C.) R18-2-306.01 this change is being handled by the significant revision procedures in A.A.C. R18-2-320.

The facility wide potential to emit remains unaffected by this significant revision since the cumulative hours of operation of the three boilers is not being changed.

The monitoring, recordkeeping and reporting requirements for the boilers need to be amended to reflect a cumulative total of the three boilers, instead of an individual hourly total for each boiler.

This significant revision also incorporates new applicable requirements. The sterilizers are now subject to the requirements of 40 CFR 63 Subpart WWWW (National Emission Standards for Hospital Ethylene Oxide Sterilizers).

The following conditions are amendments to the requirements set forth in Attachment "B" of Operating Permit No. 41048:

***Condition I.A.1 of Attachment "B" of Permit #41048 shall be revised to read as follows:***

1. *The Permittee shall not operate the boilers for more than a cumulative total of 14,250 hours (boilers 16031-1, 16031-2, and 16031-3) in any rolling 12-month period.*

[A.A.C. R18-2-331.A.1.a and -306.01]

[Material Permit Condition Identified by Underline and Italics]

***Condition I.B. 2 and 3 of Attachment "B" of Permit #41048 shall be revised to read as follows:***

2. At the end of every calendar month, the Permittee shall update the cumulative monthly total and the cumulative rolling 12-month total of the hours of operation for the boilers listed in Attachment "C" utilizing one of the following methods:

[A.A.C. R18-2-306.A.3.c]

- a. Maintain records which include the date, the starting time (in hours and minutes), and the stopping time (in hours and minutes); or

- b. Maintain records of the monthly operating hours of the boiler(s) using the hour meters provided on the equipment.

***Condition IV.A. 4 and 5 of Attachment “B” of Permit #41048 shall be revised to read as follows:***

4. The Permittee shall sterilize full loads of items having a common aeration time, except under medically necessary circumstances, as defined below. [40CFR 63.10390]

“Medically necessary” means circumstances that a hospital central services staff, a hospital administrator, or a physician concludes, based on generally accepted medical practices, necessitate sterilizing without a full load in order to protect human health. [40CFR 63.10448]

5. Permit Shield [A.A.C. R18-2-325]

Compliance with the conditions of this Section shall be deemed compliance with, A.A.C. R18-2-730.D, A.A.C. R18-2-730.E, A.A.C. R18-2-730.G, 40 CFR 63.10390 and 40 CFR 63.10448.

The following conditions are additions to the requirements set forth in Attachment "C" of Operating Permit No. 41048:

**ATTACHMENT “C”: EQUIPMENT LIST  
Air Quality Control Permit No. 41048  
For  
Veterans Administration Medical Center**

<b>EQUIPMENT TYPE</b>	<b>FUEL TYPE</b>	<b>MAXIMUM CAPACITY</b>	<b>MAKE</b>	<b>MODEL</b>	<b>SERIAL NUMBER</b>	<b>EQUIPMENT ID</b>	<b>DATE OF MFG.</b>
Ethylene Oxide Sterilizer	Ethylene Oxide (ETO)	6 oz ETO/load	3-M	5XL	305800	N/A	2007
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